1 Debian

1. Make sure `sudo` is installed. To install it type `su <RET>` enter your password and type `apt-get install sudo`. You need to logout with `exit` and log back in so that changes become active.

2. Next, add yourself to the sudoers group `sudo` by typing `usermod -aG sudo <user>` when you are in super user mode (type `su <RET>` before).

3. Install the window manager `xmonad` by typing `sudo apt-get install xmonad`.

4. Upgrade Debian to Debian sid with the following steps.

   (a) Change the file `/etc/apt/sources.list` appropriately.

   (b) Possibly, when adding things like new iceweasel versions you need to add keyrings e.g. for `aurora` you need to install the package `pkg-mozilla-archive-keyring` and for `debian multimedia` you need `deb-multimedia-keyring`.

5. Download graphic drivers if needed (e.g. `nvidia`). These are normally available in the `sid` package repository.

6. To automount RAID arrays or other hard disks change your `/etc/fstab` appropriately. For USB automount (when you are not using GNOME or KDE like desktop environments which do that for you) you can install the `usbmount` package.

Problems.   When upgrading to Debian sid it might happen that your machine will not boot appropriately when you set up your system with LVM. To avoid this, do not use LVM.

2 XMonad

Notes   Changed modules `LimitWindows`, `TaskBarDecoration`, `ResizableTall` (fixed: limited master number decrease). To change: other layouts.

Features to add   Limited windows with increase and decrease via hidden workspaces which carry all hidden windows of current ws. Wished bahaviour: normal stacking when ws is not full and always removing the currently focused when ws is full and new window is spawned. A tabbar only showing the hidden windows of the current ws.

Useful.   Notify and send utility.

3   Emacs

Install packages.

- Type `M-x list-packages` to list packages.

- Search for the package with `C-s` and `C-r`

- Install it pressing the `Install` field.

- Uninstall packages by marking them with `d` and executing the process by hitting `x`.

Add abbrevs.   Type `C-x a l`.

Auto completion.   Install the packages `auto-complete` and `auto-complete-auctex` form MELPA.

Reload the config.   Type `M-x eval buffer`.